

ABSTRACT

A wheeled vehicle includes a bottom chassis; a top chassis, which is coupled to the bottom chassis so that it is able to turn about a vertical axis; an operating arm coupled to the top chassis; an axle, which is coupled to the bottom chassis so that it can oscillate about a longitudinal axis of the vehicle; a plurality of wheels disposed on the axle; blocking means disposed between the bottom chassis and the axle for angularly blocking the axle about the longitudinal axis with respect to the bottom chassis; a circuit to activate the blocking means and inhibit oscillation of the axle about the longitudinal axis; and an angle sensor for supplying a signal indicative of the angular position of the operating arm about the vertical axis with respect to the bottom chassis.